

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A double drum type drum dryer comprising a liquid splash and scatter preventing equipment having a cooling function provided in a location horizontal above a portion neighborhood of a liquid concentration section between drums ~~and having a cooling function.~~

Claim 2 (Original): The drum dryer according to claim 1, wherein the liquid splash and scatter preventing equipment having the cooling function comprises therein a cavity for feeding of a cooling liquid refrigerant.

Claim 3 (Currently Amended): The drum dryer according to claim 1, wherein the liquid splash and scatter preventing equipment having the cooling function is made of a hollow metal passage for feeding of cooling water.

Claim 4 (New): The drum dryer according to claim 3, wherein the cooling water maintains a surface temperature of the hollow metal passage at 13 °C to 40 °C.

Claim 5 (New): The drum dryer according to claim 5, wherein the cooling water maintains a surface temperature of the hollow metal passage at 18 °C to 38 °C.

Claim 6 (New): The drum dryer according to claim 3, wherein the cooling water maintains a surface temperature of the hollow metal passage at no more than 5 °C lower than an evaporation temperature of a liquid to be dried.

Claim 7 (New): The drum dryer according to claim 3, wherein the cooling water maintains a surface temperature of the hollow metal passage at no more than 22 °C higher than an evaporation temperature of a liquid to be dried.

Claim 8 (New): The drum dryer according to claim 3, wherein the hollow metal passage has an axis parallel to the axis of rotation of the drums.

Claim 9 (New): A double drum type drum dryer comprising:  
two liquid drying drums in a chamber;  
a liquid feed port configured to feed a liquid into a liquid concentration section between the two drums; and  
a liquid splash and scatter preventing passage above a portion of the liquid concentration section, said liquid splash and scatter preventing passage configured to cool the liquid in contact with said liquid splash and scatter preventing passage.

Claim 10 (New): The drum dryer according to claim 9, wherein the liquid splash and scatter preventing passage is a metal pipe.

Claim 11 (New): The drum dryer according to claim 9, wherein a cooling liquid passing through the liquid splash and scatter preventing passage maintains a surface temperature of the liquid splash and scatter preventing passage at 13 °C to 40 °C.

Claim 12 (New): The drum dryer according to claim 9, wherein a cooling liquid passing through the liquid splash and scatter preventing passage maintains a surface temperature of the liquid splash and scatter preventing passage at 18 °C to 38 °C.

Claim 13 (New): The drum dryer according to claim 9, wherein a cooling liquid passing through the liquid splash and scatter preventing passage maintains a surface temperature of the liquid splash and scatter preventing passage at no more than 5 °C lower than an evaporation temperature of the liquid.

Claim 14 (New): The drum dryer according to claim 9, wherein a cooling liquid passing through the liquid splash and scatter preventing passage maintains a surface temperature of the liquid splash and scatter preventing passage at no more than 22 °C higher than an evaporation temperature of the liquid.

Claim 15 (New): The drum dryer according to claim 9, wherein the liquid splash and scatter preventing passage has an axis parallel to the axis of rotation of the drums.

Claim 16 (New): A double drum type drum dryer comprising:  
two liquid drying drums in a chamber;  
a liquid feed port configured to feed a liquid into a liquid concentration section between the two drums; and  
means for preventing liquid splash and scatter located above a portion of the liquid concentration section, said means for preventing liquid splash and scatter for cooling a liquid in contact with said means for preventing liquid splash and scatter.

Claim 17 (New): The drum dryer according to claim 16, wherein the means for preventing liquid splash and scatter is a metal pipe with an axis parallel to the axis of rotation of the drums.

Claim 18 (New): The drum dryer according to claim 16, wherein the means for preventing liquid splash and scatter has a surface temperature of 18 °C to 38 °C.

Claim 19 (New): The drum dryer according to claim 16, wherein the means for preventing liquid splash and scatter has a surface temperature of no more than 5 °C lower than an evaporation temperature of the liquid.

Claim 20 (New): The drum dryer according to claim 16, wherein the means for preventing liquid splash and scatter has a surface temperature of no more than 22 °C higher than an evaporation temperature of the liquid.